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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/ USPAT2
NEWS	4	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS	5	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to INPADOC
NEWS	6	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	7	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS	8	JAN 30	Saved answer limit increased
NEWS	9	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	10	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	11	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	12	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	13	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS	14	FEB 28	TOXCENTER reloaded with enhancements
NEWS	15	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental spectral property data
NEWS	16	MAR 01	INSPEC reloaded and enhanced
NEWS	17	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	18	MAR 08	X.25 communication option no longer available after June 2006
NEWS	19	MAR 22	EMBASE is now updated on a daily basis
NEWS	20	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	21	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	22	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	23	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	24	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	25	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
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FULL ESTIMATED COST	0.42	0.42

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=> e sato, t/au

E1	1	SATO ZENTATSU/AU
E2	1	SATO ZENTEI/AU
E3	0 -->	SATO, T/AU
E4	1	SATO A M/AU
E5	1	SATO A R N/AU
E6	1	SATO A YUKO T/AU
E7	1	SATO B S/AU
E8	1	SATO B TAKESHI/AU
E9	2	SATO B I H/AU
E10	17	SATO B I HIROSHI/AU
E11	7	SATO B I MINEO/AU
E12	1	SATO B I TAKESHI/AU

=> e okuda, m/au

E1	40	OKUDA YUZURU/AU
E2	1	OKUDA ZENJIROU/AU
E3	0 -->	OKUDA, M/AU
E4	1	OKUDAA KATSUJI/AU
E5	1	OKUDAAIRA T/AU
E6	2	OKUDAI HITOSHI/AU

E7	30	OKUDAI N/AU
E8	21	OKUDAI NAOMI/AU
E9	10	OKUDAI S/AU
E10	4	OKUDAI SHIGENORI/AU
E11	1	OKUDAI T/AU
E12	1	OKUDAI YOSHIKO/AU

=> s alkaline protease
L1 6337 ALKALINE PROTEASE

=> s l1 and detergent
L2 1415 L1 AND DETERGENT

=> s l2 and (point mutation)
L3 34 L2 AND (POINT MUTATION)

=> d l3 ti abs ibib 1-15

L3 ANSWER 1 OF 34 USPATFULL on STN
TI Proteome epitope tags and methods of use thereof in protein modification analysis
AB Disclosed are reagents and methods for reliably detecting the presence and measuring the amount of proteins, including proteins with various post-translational modifications (phosphorylation, glycosylation, methylation, acetylation, etc.) in a sample by the use of one or more capture agents that recognize and interact with recognition sequences uniquely characteristic of a protein or a set of proteins (Proteome Epitope Tags, or PETs) in the sample. Arrays comprising these capture agents or PETs are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:15830 USPATFULL
TITLE: Proteome epitope tags and methods of use thereof in protein modification analysis
INVENTOR(S): Benkovic, Stephen J., State College, PA, UNITED STATES
Chan, John W., Research Triangle Park, NC, UNITED STATES
Lee, Frank D., Chestnut Hill, MA, UNITED STATES
Meng, Xun, Newton, MA, UNITED STATES
Gordon, Neal, Lexington, MA, UNITED STATES
PATENT ASSIGNEE(S): Epite Biosystems, Inc., Waltham, MA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006014212	A1	20060119
APPLICATION INFO.:	US 2005-66967	A1	20050225 (11)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-773032, filed on 5 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-712425, filed on 13 Nov 2003, PENDING Continuation-in-part of Ser. No. US 2003-436549, filed on 12 May 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-379626P	20020510 (60)
	US 2002-393197P	20020701 (60)
	US 2002-393233P	20020701 (60)
	US 2002-393235P	20020701 (60)
	US 2002-393211P	20020701 (60)
	US 2002-393223P	20020701 (60)
	US 2002-393280P	20020701 (60)
	US 2002-393137P	20020701 (60)

US 2002-430948P 20021204 (60)
 US 2002-433319P 20021213 (60)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: FISH & NEAVE IP GROUP, ROPES & GRAY LLP, ONE
 INTERNATIONAL PLACE, BOSTON, MA, 02110-2624, US
 NUMBER OF CLAIMS: 23
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 38 Drawing Page(s)
 LINE COUNT: 7086
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 34 USPATFULL on STN

TI **Detergent** with rinse surfactant and a special alpha-amylase
 AB The present invention relates to detergents comprising (a) one or more
 non-ionic surfactants of the general Formula I: ##STR1## in which R1
 stands for a C6-24-alkyl or -alkenyl radical, each group R2 or R3 for
 defined hydrocarbon radicals and the indices w, x, y, z each stand for
 whole numbers from 1 to 6, or a surfactant system from at least one
 non-ionic surfactant F of the general Formula II: R.sup.1--
 CH(OH)CH.sub.2O-(AO).sub.w-(A'O).sub.1 -(A"O).sub.y-(A'"O).sub.z--
 R.sup.2 (II) and at least one non-ionic surfactant G of the general
 Formula III: R.sup.1--O--(AO).sub.w-(A'O).sub.x-(A"O).sub.y-
 (A"O).sub.z--R.sup.2 (III),

In which R.sup.1 stands for a C.sub.6-24-alkyl- or -alkenyl radical,
 R.sup.2 for a hydrocarbon radical with 2 to 26 carbon atoms, A, A', A"
 und A'" each for defined hydrocarbon radicals and w, x, y and z each
 stand for values up to 25, wherein this surfactant system comprises the
 surfactants F and G in a weight ratio between 1:4 and 100:1, and (b) an
 α -amylase according to SEQ ID NO. 1 or SEQ ID NO. 2, together with
 corresponding cleaning processes and application possibilities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:299490 USPATFULL
 TITLE: **Detergent** with rinse surfactant and a special
 alpha-amylase
 INVENTOR(S): Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC
 OF
 Pegelow, Ulrich, Duesseldorf, GERMANY, FEDERAL REPUBLIC
 OF
 PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Duesseldorf,
 GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005261158	A1	20051124
APPLICATION INFO.:	US 2005-113775	A1	20050425 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	DE	20041004
	DE	20040427
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	3135	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 3 OF 34 USPATFULL on STN

TI **Detergent** with sulfo-polymer rinse aid and a special alpha amylase

AB The present invention relates to detergents comprising a copolymer of (i) unsaturated carboxylic acids, (ii) monomers comprising sulfonic acid groups and (iii) optional further ionic or non-ionogenic monomers and an α -amylase according to SEQ ID NO. 1 or SEQ ID NO. 2 as well as corresponding cleaning processes and application possibilities.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:299488 USPATFULL

TITLE: **Detergent** with sulfo-polymer rinse aid and a special alpha amylase

INVENTOR(S): Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Pegelow, Ulrich, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF

PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Duesseldorf, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005261156	A1	20051124
APPLICATION INFO.:	US 2005-113799	A1	20050425 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	DE	20041004
	DE	20040427
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	1 Drawing Page(s)	
LINE COUNT:	2689	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 34 USPATFULL on STN

TI Novel fungal proteins and nucleic acids encoding same

AB Disclosed herein are fungal nucleic acid sequences that encode novel polypeptides. Also disclosed are polypeptides encoded by these nucleic acid sequences, as well as derivatives, variants, mutants, or fragments of the aforementioned polypeptide, polynucleotide, or antibody. The novel leucine aminopeptidase (LAP) and other amino- and carboxypeptidases polypeptides, referred to herein as EXOX nucleic acids and proteins of the invention are useful in a variety of medical, research, and commercial applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:182915 USPATFULL

TITLE: Novel fungal proteins and nucleic acids encoding same

INVENTOR(S): Monod, Michel, Lausanne, SWITZERLAND
Stocklin, Reto, Geneva, SWITZERLAND
Grouzmann, Eric, La Conversion, SWITZERLAND

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005158298	A1	20050721
APPLICATION INFO.:	US 2004-926188	A1	20040825 (10)

NUMBER	DATE
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PRIORITY INFORMATION: US 2003-498318P 20030825 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MINTZ, LEVIN, COHN, FERRIS, GLOVSKY, AND POPEO, P.C.,
ONE FINANCIAL CENTER, BOSTON, MA, 02111, US
NUMBER OF CLAIMS: 66
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 16 Drawing Page(s)
LINE COUNT: 6647
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 34 USPATFULL on STN

TI **Alkaline protease** from bacillus gibsonii (DSM 14393)
and washing and cleaning products comprising said **alkaline
protease**

AB Described herein are novel alkaline proteases of the subtilisin type
from Bacillus gibsonii (DSM 14393), and sufficiently related proteins
and derivatives thereof. Also described are washing and cleaning
products with this novel **alkaline protease** of the
subtilisin type, sufficiently related proteins and derivatives thereof,
corresponding washing and cleaning methods and the use thereof in
washing and cleaning products and further possible technical use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:131809 USPATFULL
TITLE: **Alkaline protease** from bacillus
gibsonii (DSM 14393) and washing and cleaning products
comprising said **alkaline protease**
INVENTOR(S): Weber, Anarit, Sankt Augustin, GERMANY, FEDERAL
REPUBLIC OF
Hellebrandt, Angela, Koeln, GERMANY, FEDERAL REPUBLIC
OF
Wieland, Susanne, Zons, GERMANY, FEDERAL REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC
OF
Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC
OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005113273	A1	20050526
APPLICATION INFO.:	US 2004-872162	A1	20040618 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-EP14099, filed on 12 Dec 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-162728	20011220
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103, US	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	4079	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 6 OF 34 USPATFULL on STN

TI Proteome epitope tags and methods of use thereof in protein modification
analysis

AB Disclosed are methods for reliably detecting the presence of proteins,

including proteins with various post-translational modifications (phosphorylation, glycosylation, methylation, acetylation, etc.) in a sample by the use of one or more capture agents that recognize and interact with recognition sequences uniquely characteristic of a protein or a set of proteins (Proteome Epitope Tags, or PETs) in the sample. Arrays comprising these capture agents or PETs are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:81469 USPATFULL
TITLE: Proteome epitope tags and methods of use thereof in protein modification analysis
INVENTOR(S): Lee, Frank D., Chestnut Hill, MA, UNITED STATES
Meng, Xun, Newton, MA, UNITED STATES
Afeyan, Noubar B., Lexington, MA, UNITED STATES
PATENT ASSIGNEE(S): engeneOS, Inc., Waltham, MA (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005069911	A1	20050331
APPLICATION INFO.:	US 2004-773032	A1	20040205 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-712425, filed on 13 Nov 2003, PENDING Continuation-in-part of Ser. No. US 2003-436549, filed on 12 May 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-379626P	20020510 (60)
	US 2002-393197P	20020701 (60)
	US 2002-393233P	20020701 (60)
	US 2002-393235P	20020701 (60)
	US 2002-393211P	20020701 (60)
	US 2002-393223P	20020701 (60)
	US 2002-393280P	20020701 (60)
	US 2002-393137P	20020701 (60)
	US 2002-430948P	20021204 (60)
	US 2002-433319P	20021213 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624

NUMBER OF CLAIMS: 41
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Page(s)
LINE COUNT: 12020

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 34 USPATFULL on STN

TI **Alkaline protease** from Bacillus sp. (DSM 14392) and washing and cleaning products comprising said **alkaline protease**

AB The invention relates to a novel **alkaline protease** of the subtilisin type from Bacillus sp. (DSM 14392) and various related proteins and derivatives thereof. The invention further relates to washing and cleaning agents comprising said novel alkaline proteases of the subtilisin type, various related proteins and derivatives thereof and corresponding washing and cleaning methods and use thereof in washing and cleaning agents and further technical applications.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:50399 USPATFULL
TITLE: **Alkaline protease** from Bacillus sp. (DSM 14392) and washing and cleaning products comprising said **alkaline protease**

INVENTOR(S): Weber, Angrit, Sankt Augustin, GERMANY, FEDERAL
REPUBLIC OF
Hellebrandt, Angela, Koln, GERMANY, FEDERAL REPUBLIC OF
Wieland, Susanne, Zons, GERMANY, FEDERAL REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC
OF
Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC
OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005043198	A1	20050224
APPLICATION INFO.:	US 2004-873610	A1	20040622 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-EP14132, filed on 12 Dec 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-DE163884	20011222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Angela Verrecchio, WOODCOCK WASHBURN LLP, 46th Floor, One Liberty Place, Philadelphia, PA, 19103	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	4056	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 8 OF 34 USPATFULL on STN

TI Novel **alkaline protease** variants and detergents and
cleaning agents containing said novel **alkaline
protease** variants

AB Described herein are novel **alkaline protease**
variants derived from subtilisin. These variants have, with respect to
the amino acid sequence of Bacillus lentus subtilisin, variations at
amino acid positions 199 and 211, and at least one modification that
contributes to the stabilization of the molecule, the modification
preferably being variations at amino acid positions 3 and/or 4.
Preferably, the variant is B. lentus **alkaline protease**
S3T/NV4I/V199I/L211G. Also described are detergents and cleaning agents
comprising the novel **alkaline protease** variants.
Methods of use employing the novel **alkaline protease**
variants are also described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:30838 USPATFULL

TITLE: Novel **alkaline protease** variants
and detergents and cleaning agents containing said
novel **alkaline protease** variants

INVENTOR(S): Kottwitz, Beatrix, Dusseldorf, GERMANY, FEDERAL
REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC
OF
Breves, Roland, Mettmann, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005026269	A1	20050203
APPLICATION INFO.:	US 2004-476463	A1	20040716 (10)
	WO 2002-EP4489		20020424

NUMBER	DATE
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PRIORITY INFORMATION: DE 2001-1214634 20010502
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR,
1650 MARKET STREET, PHILADELPHIA, PA, 19103
NUMBER OF CLAIMS: 45
EXEMPLARY CLAIM: CLM-01-35
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 3473
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 34 USPATFULL on STN

TI **Alkaline protease** from Bacillus sp. (DSM 14390) and
washing and cleaning products comprising said **alkaline
protease**

AB Described herein is a novel **alkaline protease** of the
subtilisin type from Bacillus sp. (DSM 14390), and sufficiently related
proteins and derivatives thereof. Also described are washing and
cleaning products with this novel **alkaline protease**
of the subtilisin type, sufficiently related proteins and derivatives
thereof, corresponding washing and cleaning methods and the use thereof
in washing and cleaning products, as well as further possible technical
uses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:11033 USPATFULL

TITLE: **Alkaline protease** from Bacillus sp.
(DSM 14390) and washing and cleaning products
comprising said **alkaline protease**

INVENTOR(S): Weber, Angrit, Sankt Augustin, GERMANY, FEDERAL
REPUBLIC OF
Hellebrandt, Angela, Koln, GERMANY, FEDERAL REPUBLIC OF
Wieland, Susanne, Zons, GERMANY, FEDERAL REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC
OF
Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC
OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005009167	A1	20050113
APPLICATION INFO.:	US 2004-873917	A1	20040622 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-EP14129, filed on 12 Dec 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-DE163883	20011222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	4135	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 10 OF 34 USPATFULL on STN

TI **Alkaline protease** variants

AB The invention relates to novel **alkaline protease**
variants. These variants have, when enumerating the **alkaline**

protease from *Bacillus lentus*, variations in amino acid position 61, positions 199 and/or 211 and, optionally, at least one modification that contributes to the stabilization of the molecule, said modification preferably being point mutations in positions 3 and/or 4. Particularly preferred are variants S3T/V41/G61A/V199] and S3T/V41/G61A/V1991/L211D of *B. lentus* **alkaline protease**. The invention also relates to the possible use of these enzymes in diverse technical processes and, in particular, to detergents and cleansers containing these novel **alkaline protease** variants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:4880 USPATFULL
TITLE: **Alkaline protease** variants
INVENTOR(S): Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Breves, Roland, Mettmann, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005003985	A1	20050106
APPLICATION INFO.:	US 2004-836959	A1	20040430 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-EP11725, filed on 19 Oct 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-DE153792	20011031
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	4187	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 34 USPATFULL on STN

TI **Alkaline protease** from *Bacillus gibsonii* (DSM 14391) and washing and cleaning products comprising said **alkaline protease**

AB Described herein is a novel **alkaline protease** of the subtilisin type from *Bacillus gibsonii* (DSM 14391), as well as related proteins and derivatives thereof. Also described are washing and cleaning products comprising this novel **alkaline protease**, related proteins and derivatives thereof, as well as corresponding washing and cleaning products and methods, along with further possible technical uses.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:4401 USPATFULL
TITLE: **Alkaline protease** from *Bacillus gibsonii* (DSM 14391) and washing and cleaning products comprising said **alkaline protease**
INVENTOR(S): Weber, Anarit, Sankt Augustin, GERMANY, FEDERAL REPUBLIC OF
Hellebrandt, Angela, Koln, GERMANY, FEDERAL REPUBLIC OF
Wieland, Susanne, Zons, GERMANY, FEDERAL REPUBLIC OF
Maurer, Karl-Heinz, Erkrath, GERMANY, FEDERAL REPUBLIC OF
Kottwitz, Beatrix, Erkrath, GERMANY, FEDERAL REPUBLIC

OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005003504	A1	20050106
APPLICATION INFO.:	US 2004-872166	A1	20040618 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-EP14125, filed on 12 Dec 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 2001-162727	20011220
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	WOODCOCK WASHBURN LLP, ONE LIBERTY PLACE, 46TH FLOOR, PHILADELPHIA, PA, 19103	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	3 Drawing Page(s)	
LINE COUNT:	4087	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 12 OF 34 USPATFULL on STN

TI Methods for modifying the production of a polypeptide

AB The present invention relates to methods for modifying the production of a polypeptide, comprising: (a) introducing a nucleic acid construct into a cell, wherein the cell comprises a DNA sequence encoding a polypeptide, under conditions in which the nucleic acid construct integrates into the genome of the cell at a locus not within the DNA sequence encoding the polypeptide to produce a mutant cell, wherein the integration of the nucleic acid construct modifies the production of the polypeptide by the mutant cell relative to the cell when the mutant cell and the cell are cultured under the same conditions; and (b) identifying the mutant cell with the modified production of the polypeptide.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:254328 USPATFULL

TITLE: Methods for modifying the production of a polypeptide

INVENTOR(S): Brody, Howard, Davis, CA, UNITED STATES
Yaver, Debbie S., Davis, CA, UNITED STATES
Lamsa, Michael H., Davis, CA, UNITED STATES
Hansen, Kim, Bjaeverskov, DENMARK

PATENT ASSIGNEE(S): Novozymes Biotech, Inc., Davis, CA (U.S. corporation)
Novozyymes A/S, Bagsvaerd, DENMARK (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004197854	A1	20041007
APPLICATION INFO.:	US 2001-845	A1	20011024 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-928692, filed on 12 Sep 1997, GRANTED, Pat. No. US 5958727 Continuation-in-part of Ser. No. US 1996-713312, filed on 13 Sep 1996, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	NOVOZYMES BIOTECH, INC., 1445 DREW AVE, DAVIS, CA, 95616		
NUMBER OF CLAIMS:	54		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	46 Drawing Page(s)		
LINE COUNT:	6531		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 13 OF 34 USPATFULL on STN
TI Proteome epitope tags and methods of use thereof in protein modification analysis
AB Disclosed are methods for reliably detecting the presence of proteins, especially proteins with various post-translational modifications (phosphorylation, glycosylation, methylation, acetylation, etc.) in a sample by the use of one or more capture agents that recognize and interact with recognition sequences uniquely characteristic of a set of proteins (Proteome Epitope Tags, or PETs) in the sample. Arrays comprising these capture agents or PETs are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:233309 USPATFULL
TITLE: Proteome epitope tags and methods of use thereof in protein modification analysis
INVENTOR(S): Lee, Frank D., Chestnut Hill, MA, UNITED STATES
Meng, Xun, Newton, MA, UNITED STATES
Livingston, David, Barrington, RI, UNITED STATES
PATENT ASSIGNEE(S): engeneOS, Inc., Waltham, MA (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004180380	A1	20040916
APPLICATION INFO.:	US 2003-712425	A1	20031113 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2003-436549, filed on 12 May 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-379626P	20020510 (60)
	US 2002-393137P	20020701 (60)
	US 2002-393233P	20020701 (60)
	US 2002-393235P	20020701 (60)
	US 2002-393211P	20020701 (60)
	US 2002-393223P	20020701 (60)
	US 2002-393280P	20020701 (60)
	US 2002-393197P	20020701 (60)
	US 2002-430948P	20021204 (60)
	US 2002-433319P	20021213 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA, 02110-2624
NUMBER OF CLAIMS: 125
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Page(s)
LINE COUNT: 11815
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 34 USPATFULL on STN
TI Novel lipolytic enzymes
AB The present invention relates to a modified enzyme with lipolytic activity, a lipolytic enzyme capable of removing a substantial amount of fatty matter during a one cycle wash, a DNA sequence encoding said enzymes, a vector comprising said DNA sequence, a host cell harbouring said DNA sequence or said vector, and a process for producing said enzymes with lipolytic activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:282726 USPATFULL
TITLE: Novel lipolytic enzymes
INVENTOR(S): Fuglsang, Claus Crone, Nivaa, DENMARK
Okkels, Jens Sigurd, Frederiksberg C., DENMARK.

Petersen, Dorte Aaby, Valby, DENMARK
 Patkar, Shamkant Anant, Lyngby, DENMARK
 Thellersen, Marianne, Frederiksberg C., DENMARK
 Svendsen, Allan, Birkerød, DENMARK
 Borch, Kim, København K, DENMARK
 Royer, John C., Davis, CA, UNITED STATES
 Kretzschmar, Titus, Vaerlose, DENMARK
 Halkier, Torben, Birkerød, DENMARK
 Vind, Jesper, Lyngby, DENMARK
 Jorgensen, Steen Troels, Allerød, DENMARK
 PATENT ASSIGNEE(S): Novozymes A/S, Bagsvaerd, DENMARK, DK-2880 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003199069	A1	20031023
APPLICATION INFO.:	US 2002-232544	A1	20020830 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-7288, filed on 14 Jan 1998, GRANTED, Pat. No. US 6495357 Continuation-in-part of Ser. No. WO 1996-DK341, filed on 12 Aug 1996, UNKNOWN Continuation-in-part of Ser. No. WO 1996-DK322, filed on 12 Jul 1996, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1995-832	19950714
	DK 1995-905	19950811
	DK 1995-1013	19950913
	DK 1995-1096	19950929
	DK 1995-1306	19951121
	DK 1996-372	19960401
	DK 1996-374	19960401
	US 1996-11634P	19960214 (60)
	US 1996-20461P	19960507 (60)
	US 1996-11627P	19960214 (60)
	US 1996-16754P	19960507 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NOVOZYMES NORTH AMERICA, INC., 500 FIFTH AVENUE, SUITE 1600, NEW YORK, NY, 10110	
NUMBER OF CLAIMS:	87	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	7882	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 15 OF 34 USPATFULL on STN
 TI Lipase variant
 AB The present invention relates to lipase variants having at least 90% identity to the wild-type lipase derived from Humicola lanuginosa strain DSM 4109 and having a certain distribution of electrically charged amino acids. The present invention also relates to detergents comprising such lipases.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:253616 USPATFULL
 TITLE: Lipase variant
 INVENTOR(S): Borch, Kim, Copenhagen, DENMARK
 Vind, Jesper, Lyngby, DENMARK
 Svendsen, Allan, Horsholm, DENMARK
 Halkier, Dorte Aaby, Birkerød, DENMARK
 Patkar, Shamkant Anant, Lyngby, DENMARK
 Bojsen, Kirsten, Hellerup, DENMARK

PATENT ASSIGNEE(S): Novozymes A/S, Bagsvaerd, DENMARK (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6624129	B1	20030923
APPLICATION INFO.:	US 2000-630250		20000801 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 1999-DK68, filed on 17 Feb 1999		

	NUMBER	DATE
PRIORITY INFORMATION:	DK 1998-217	19980217
	US 1998-76365P	19980227 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Saidha, Tekchand	
LEGAL REPRESENTATIVE:	Garbell, Jason I., Lambrias, Elias J.	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	971	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

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Search Results -

Terms	Documents
L5 and L3	1

Database:

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US Patents Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

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result set

DB=USPT; PLUR=YES; OP=OR

<u>L6</u>	L5 and l3	1	<u>L6</u>
<u>L5</u>	L4 and (mutation or fragment)	46506	<u>L5</u>
<u>L4</u>	alkaline protease	238329	<u>L4</u>
<u>L3</u>	L2 and l1	26	<u>L3</u>
<u>L2</u>	okuda.in.	1451	<u>L2</u>
<u>L1</u>	sato.in.	17503	<u>L1</u>

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☐ 1. Document ID: US 6803222 B2

L6: Entry 1 of 1

File: USPT

Oct 12, 2004

US-PAT-NO: 6803222

DOCUMENT-IDENTIFIER: US 6803222 B2

**** See image for Certificate of Correction ****

TITLE: Alkaline proteases

DATE-ISSUED: October 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hatada; Yuji	Mihara			JP
Ogawa; Akinori	Tochigi			JP
Kageyama; Yasushi	Tochigi			JP
<u>Sato</u> ; Tsuyoshi	Tochigi			JP
Araki; Hiroyuki	Tochigi			JP
Sumitomo; Nobuyuki	Tochigi			JP
<u>Okuda</u> ; Mitsuyoshi	Tochigi			JP
Saeki; Katsuhisa	Tochigi			JP

US-CL-CURRENT: 435/212; 510/276, 510/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw Desc	Ima
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